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- ☐ 1. [20070178084](#). 04 Dec 06. 02 Aug 07. Continuous flow chamber device for separation, concentration, and/or purification of cells. King; Michael R., et al. 424/140.1; 435/7.21 435/7.23 A61K39/395 20060101 G01N33/567 20060101 G01N33/574 20060101
- 
- ☐ 2. [20070003528](#). 29 Jun 05. 04 Jan 07. Intracoronary device and method of use thereof. Consigny; Paul, et al. 424/93.7; 424/85.1 435/366 514/12 A61K35/12 20060101 A61K38/18 20060101 A61K38/19 20060101 C12N5/08 20060101
- 
- ☐ 3. [20060210558](#). 10 Nov 05. 21 Sep 06. Hematopoietic cell selectin ligand polypeptides and methods of use thereof. Sackstein; Robert. 424/140.1; 424/184.1 424/277.1 435/366 530/395 A61K39/00 20060101 A61K39/395 20060101 C07K14/705 20060101 C12N5/08 20060101
- 
- ☐ 4. [20060183223](#). 20 Jan 06. 17 Aug 06. Continuous flow chamber device for separation, concentration, and/or purification of cells. King; Michael R., et al. 435/372; C12N5/08 20060101
- 
- ☐ 5. [20060134779](#). 09 Mar 05. 22 Jun 06. Modulation of cell intrinsic strain to control cell modulus, matrix synthesis, secretion, organization, material properties and remodeling of tissue engineered constructs. Banes; Albert J., et al. 435/325; 435/366 435/404 601/1 A61H1/00 20060101 C12N5/08 20060101
- 
- ☐ 6. [20060003924](#). 10 Jan 05. 05 Jan 06. Sulfation-independent L-selectin or E-selectin ligand (HCELL) and therapeutics thereof. Sackstein; Robert. 514/8; 435/320.1 435/325 435/69.1 530/395 536/23.5 A61K38/17 20060101 C07K14/47 20060101 C12N5/08 20060101 C12P21/02 20060101
- 
- ☐ 7. [20050169920](#). 09 Mar 05. 04 Aug 05. Pecam-1 modulation. Gibbins, Jonathan M, et al. 424/144.1; 530/352 530/388.22 A61K039/395 C07K016/46.
- 
- ☐ 8. [20050019836](#). 06 Jun 03. 27 Jan 05. Bioanalytical reagent, method for production thereof, sensor platforms and detection methods based on use of said bioanalytical reagent. Vogel, Horst, et al. 435/7.2; 530/350 530/388.22 G01N033/53 G01N033/567 C07K014/705 C07K016/28.
- 
- ☐ 9. [20050002865](#). 15 Dec 03. 06 Jan 05. Diagnostic/therapeutic agents. Klaveness, Jo, et al. 424/9.52; A61K049/00.
- 
- ☐ 10. [20040247611](#). 19 Feb 04. 09 Dec 04. Identification of pathogen-ligand interactions. Bargatzke, Robert, et al. 424/185.1; A61K039/00.
- 
- ☐ 11. [20040224019](#). 03 Mar 04. 11 Nov 04. Oral controlled release system for targeted drug delivery into the cell and its nucleus for gene therapy, DNA vaccination, and administration of gene based drugs. Shefer, Adi, et al. 424/469; A61K009/26.
- 
- ☐ 12. [20040141922](#). 26 Nov 03. 22 Jul 04. Diagnostic/therapeutic agents. Klaveness, Jo, et al. 424/9.52; 514/2 A61K049/00 A61K038/00.
- 
- ☐ 13. [20040102591](#). 20 Oct 03. 27 May 04. Polymerization of olefins. Brookhart, Maurice S., et al. 526/172; 526/282 526/308 526/351 526/352 560/205 C08F004/06 C07C069/52.
-

- 
- ☐ 14. [20040067544](#). 27 Jun 03. 08 Apr 04. Use of adhesion molecules as bond stress-enhanced nanoscale binding switches. Vogel, Viola, et al. 435/7.32; C12Q001/68 G01N033/554 G01N033/569.
- 
- ☐ 15. [20030223938](#). 14 Apr 03. 04 Dec 03. Polyvalent nanoparticles. Nagy, John O., et al. 424/46; 424/204.1 424/235.1 424/489 514/54 A61L009/04 A61K009/14 A61K031/715 A61K039/12 A61K039/02.
- 
- ☐ 16. [20030171508](#). 22 Jun 01. 11 Sep 03. Alpha-olefins and olefin polymers and processes therefor. Brookhart, Maurice S., et al. 526/90; 526/348 526/351 526/352 C08F004/06.
- 
- ☐ 17. [20030040607](#). 18 Oct 01. 27 Feb 03. Hematopoietic cell E-selection/L-selectin ligand polypeptides and methods of use thereof. Sackstein, Robert. 530/395; 435/320.1 435/325 435/69.1 536/23.5 A61K038/17 C07K014/435 C12P021/02 C12N005/06 C07H021/04.
- 
- ☐ 18. [20030017582](#). 12 Sep 02. 23 Jan 03. Device and method for monitoring leukocyte migration. Kim, Enoch, et al. 435/288.5; 435/305.3 435/32 C12M003/00 C12Q001/18.
- 
- ☐ 19. [20020102217](#). 10 Aug 01. 01 Aug 02. Diagnostic/therapeutic agents. Klaveness, Jo, et al. 424/9.52; A61B008/00.
- 
- ☐ 20. [20020102215](#). 22 Jan 01. 01 Aug 02. Diagnostic/therapeutic agents. Klaveness, Jo, et al. 424/9.52; 514/44 A61K049/00 A61K048/00.
- 
- ☐ 21. [20020007217](#). 30 Mar 01. 17 Jan 02. Surface modifications for enhanced epithelialization. Jacob, Jean T., et al. 623/5.16; A61F002/14.
- 
- ☐ 22. [7122301](#). 17 Oct 03; 17 Oct 06. Method of assaying cellular adhesion with a coated biochip. Shvets; Igor, et al. 435/4; 422/58. C12Q1/00 20060101 .
- 
- ☐ 23. [6689165](#). 30 Mar 01; 10 Feb 04. Surface modifications for enhanced epithelialization. Jacob; Jean T., et al. 623/5.16; 623/5.11. A61F002/14 .
- 
- ☐ 24. [6471966](#). 04 Aug 98; 29 Oct 02. Type 1 and type p fimbriae-adhesins isolated from novel e. coli strains, process for their preparation and uses thereof. Pelaez; Ricardo Palacios, et al. 424/242.1; 424/184.1 424/234.1 424/241.1 424/257.1 424/278.1 424/93.1 424/93.3 435/243 435/252.8 435/41 435/849 530/820 530/825. A61K039/02 A61K045/00 C12N001/00 C12N001/20 .
- 
- ☐ 25. [6303713](#). 20 Aug 99; 16 Oct 01. Graft modified ethylene .alpha.-olefin copolymer obtained by graft copolymerizing an ethylene/.alpha.-olefin copolymer with a polar monomer. Tsutsui; Toshiyuki, et al. 526/114; 526/227 526/348.2 526/348.5 526/348.6. C08F004/44 .
- 
- ☐ 26. [6001941](#). 05 Jun 95; 14 Dec 99. Ethylene .alpha.-olefin copolymer obtained by copolymerizing ethylene with an .alpha.-olefin. Tsutsui; Toshiyuki, et al. 526/348.2; 525/240 526/119 526/348.5 526/348.6 526/943. C08F010/08 C08F210/08 .
- 
- ☐ 27. [5880241](#). 24 Jan 96; 09 Mar 99. Olefin polymers. Brookhart; Maurice S., et al. 526/348; 428/212 428/35.7 428/355EN 428/36.8 428/461 428/500 428/511 428/523 442/327 442/59 508/591 521/143 521/144 526/348.2 526/352 526/352.2 585/17 585/18. C08F010/02 .
-

- ☐ 28. [5834557](#). 11 Jun 97; 10 Nov 98. Graft modified ethylene/.alpha.-olefin copolymer composition. Tsutsui; Toshiyuki, et al. 525/71; 525/193 525/74 525/75 525/78 525/80. C08L023/08 C08F255/02 C08F255/04 .
- 
- ☐ 29. [5460945](#). 20 May 92; 24 Oct 95. Device and method for analysis of blood components and identifying inhibitors and promoters of the inflammatory response. Springer; Timothy A., et al. 435/7.24; 422/58 422/69 427/2.11 427/2.13 435/174 435/176 435/177 435/2 435/287.1 435/287.2 435/287.9 435/288.3 435/288.5 435/29 435/30 435/379 435/7.23 435/7.8. C12N005/00 C12Q001/02 G01N033/566 .
- 
- ☐ 30. [JP409216902A](#). 19 Aug 96. 19 Aug 97. NOVEL CARBOHYDRATE LIGAND (MYEOROLLIN) THAT CAUSES E-SELECTIN DEPENDENT CELL ROLLING AND ADHESION UNDER DYNAMIC FLOW SYSTEM. KAZUKO, HANDA, et al. C08B037/00; A61K031/70 A61K031/715 C07H015/04 C12N005/06 C12P019/26 .
- 
- ☐ 31. [WO2004003160A2](#). 27 Jun 03. 08 Jan 04. USE OF ADHESION MOLECULES AS BOND STRESS-ENHANCED NANOSCALE BINDING SWITCHES. VOGEL, VIOLA, et al. C12N00/;.
- 
- ☐ 32. [WO009221746A1](#). 29 May 92. 10 Dec 92. DEVICE AND METHOD FOR THE ANALYSIS OF ROLLING BLOOD LEUKOCYTES AND IDENTIFYING INHIBITORS AND PROMOTERS. SPRINGER, TIMOTHY A, et al. 435/299.1. C12M003/00; C12N001/00 C12N001/38 C12N011/00 C12N011/02 C12N011/14 C12Q001/24 G01N033/566 G01N033/567 G01N033/574.
- 
- ☐ 33. [US20060228401A](#). Production of thin film of oriented polymer structures useful for e.g. corneal repair, involves controlling the flow of a polymer solution into a device having a substrate and generating shear flow to induce alignment of polymer structures. BRAITHWAITE, G J C, et al. A61K009/70 A61K038/39.
- 
- ☐ 34. [WO2004003160A](#). Changing binding strength of isolated force-activated bond stress dependent adhesion molecule to its ligand, useful as viscosity modifiers, by changing bond stress on the molecule. FORERO, M, et al. C12N000/00 C12Q001/68 G01N033/543 G01N033/554 G01N033/569.
- 
- ☐ 35. [WO2002100325A](#). Nanoparticle useful as synthetic vaccine, comprises carrier, and ligands displayed on the carrier, where ligands form polyvalent binding unit to produce interaction between nanoparticle and receptors on target. BARGATZE, R F, et al. A01N043/04 A61B005/055 A61K000/00 A61K009/14 A61K031/70 A61K031/715 A61K039/02 A61K039/12 A61K049/04 A61K051/00 A61L009/04 C07H001/00 C07H005/04 C07H015/00 C07H017/00 G01N031/20 G01N033/53 G01N033/543 G01N033/566.
- 
- ☐ 36. [US 6369253B](#). Synthesis of metallocene compound, used as polymerization catalysts, involves reacting aminoalcohol with silane reactant to form ligand which is contacted with metal compound to form metallocene compound. KOOLPE, G A, et al. B01J031/00 C07F007/00 C07F017/00 C08F004/44.
- 
- ☐ 37. [WO 200052211A](#). Apparatus for use in shear assay system, useful for determining the adhesion of pathogens under physiological shear stress conditions. BARGATZE, R F, et al. C12M001/00 C12M001/34 C12Q001/70 G01N033/554 G01N033/569.
- 
- ☐ 38. [WO 200046320A](#). Sealant composition for attaching glass in motor vehicle assembly comprises urethane prepolymer, tin compound and organophosphite stabilizer. WU, Z. C03C027/04 C03C027/10 C08G018/10 C08G018/24 C09K003/10.

☐ 39. WO 9910019A. New hetero-functional tissue engineering composition - comprises first and second tissue binding components. JONES, C E. A61L025/00.

☐ 40. EP 598626A. Ethylene@! copolymer compsns. for film - comprise blend of ethylene@!-alpha-olefin! copolymer prepd. using organo-aluminium:oxygen cpd. and Gp=IV metal cyclopentadienyl cpd. catalyst and LDPE. IKEYAMA, S, et al. C08F004/642 C08F210/16 C08L023/04 C08L023/08 C08L023/16 C08L023/18 C08L023/08 C08L023:04 C08L023/08 C08L023:02 C08L023/08 C08L023:16 C08L023/08 C08L023:04.

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DOCUMENT-IDENTIFIER: US 20060210558 A1

TITLE: Hematopoietic cell selectin ligand polypeptides and methods of use thereof

CLAIMS:

28. A method of increasing the affinity of a cell for E-selectin and/or L-selectin, the method comprising (a) providing said cell; and (b) contacting said cell with one or more agents that increases cell-surface expression or activity of a glycosylated polypeptide on said cell, said glycosylated polypeptide comprising an amino acid sequence at least 95% similar to SEQ ID NO: 1 or a fragment of SEQ ID NO:1 thereof, and wherein said glycosylated polypeptide binds a selectin, thereby increasing affinity of said cell for E-selectin and/or L-selectin.

33. A method of increasing the engraftment potential of a stem cell, the method comprising: (a) providing said stem cell; and (b) contacting said stem cell with one or more agents that increases cell-surface expression or activity of a glycosylated Polypeptide on said cell, said glycosylated polypeptide comprising an amino acid sequence at least 95% similar to SEQ ID NO: 1 or a fragment of SEQ ID NO:1 thereof, and wherein said glycosylated polypeptide binds a selectin, thereby increasing the engraftment potential of stem cell.

37. A method of increasing the engraftment potential of a cell population, the method comprising: (a) providing an L-selectin polypeptide immobilized on a solid phase; (b) contacting the solid phase with a fluid sample containing said cell population, wherein the relative movement between the solid phase and the fluid sample is such that shear stress is achieved at the surface of the solid phase; and (c) recovering the cells that adhere to the solid phase thereby increasing the engraftment potential of a cell population.

38. A method of increasing the engraftment potential of a cell population, the method comprising: (a) providing an E-selectin polypeptide immobilized on a solid phase; (b) contacting the solid phase with a fluid sample containing said cell population, wherein the relative movement between the solid phase and the fluid sample is such that shear stress is achieved at the surface of the solid phase; and (c) recovering the cells that adhere to the solid phase thereby increasing the engraftment potential of a cell population.

39. A method of increasing levels of engrafted stem cells in a subject, the method comprising administering to said subject an agent that increases cell-surface or expression of a glycosylated polypeptide on one or more stem cells in said subject, said glycosylated polypeptide comprising an amino acid sequence at least 95% similar to SEQ ID NO: 1 or a fragment of SEQ ID NO:1 thereof, and wherein said glycosylated polypeptide binds a selectin.